

Title (en)  
METHOD OF MEASURING CONCENTRATIONS OF GAS MIXTURES

Title (de)  
VERFAHREN ZUR MESSUNG VON GASGEMISCHKONZENTRATIONEN

Title (fr)  
MÉTHODE DE MESURE DE CONCENTRATIONS DE MÉLANGES DE GAZ

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Application  
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Abstract (en)  
[origin: WO2014065937A1] A method of measuring concentrations of gas mixtures is disclosed in which an ionic liquid and/or low vapor-pressure organic solvent is exposed to a gas mixture being tested to form a solution of the gas components in the liquid. The vapor pressure of the solution is then measured at one or more other temperatures and compared to predicted vapor pressures based on known individual vapor pressure profiles of the gas components in the liquid in order to determine the actual proportions of the components in the gas sample.

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